

10/649065
12154-US-PTO

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No. 4041J-000759

First Inventor Masayuki TAKEUCHI et al

Title Refrigerant Cycle With Ejector Having Throttle Changeable Nozzle

Express Mail Label No. EL 623 598 946 US

| | | | | |
|---|----------------------------------|--|-----------------------------------|-----------------|
| APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents. | | ADDRESS TO: Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 | | |
| | | | | |
| 1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <i>(Submit an original and a duplicate for fee processing)</i> | | 7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) | | |
| 2. <input type="checkbox"/> Applicant claims small entity status. <i>See 37 CFR 1.27.</i> | | 8. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i> | | |
| 3. <input checked="" type="checkbox"/> Specification [Total Pages 30] <i>(preferred arrangement set forth below)</i> <ul style="list-style-type: none"> - Descriptive title of the Invention <input checked="" type="checkbox"/> - Cross References to Related Applications <input type="checkbox"/> - Statement Regarding Fed sponsored R & D <input type="checkbox"/> - Reference to sequence listing, a table, or a computer program listing appendix <input type="checkbox"/> - Background of the Invention <input type="checkbox"/> - Brief Summary of the Invention <input type="checkbox"/> - Brief Description of the Drawings (if filed) <input type="checkbox"/> - Detailed Description <input type="checkbox"/> - Claim(s) <input type="checkbox"/> - Abstract of the Disclosure <input type="checkbox"/> | | a. <input type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on: <ul style="list-style-type: none"> i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or <input type="checkbox"/> ii. <input type="checkbox"/> paper <input type="checkbox"/> c. <input type="checkbox"/> Statements verifying identity of above copies <input type="checkbox"/> | | |
| 4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C.113) [Total Sheets 5] 5. Oath or Declaration [Total Pages 4] | | ACCOMPANYING APPLICATIONS PARTS | | |
| a. <input checked="" type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63 (d)) <i>(for a continuation/divisional with Box 18 completed)</i> | | 9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s)) 10. <input type="checkbox"/> 37 C.F.R. §3.73(b) Statement <input type="checkbox"/> Power of <i>(when there is an assignee)</i> Attorney | | |
| i. <input type="checkbox"/> DELETION OF INVENTOR(S) <i>Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</i> | | 11. <input type="checkbox"/> English Translation Document (if applicable) 12. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input checked="" type="checkbox"/> Copies of IDS Citations | | |
| 6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76 | | 13. <input type="checkbox"/> Preliminary Amendment 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i> 15. <input checked="" type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i> 16. <input type="checkbox"/> Request and Non Publication under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. 17. <input type="checkbox"/> Other: _____ | | |
| 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76. <input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application No: _____ / _____ Prior application information: Examiner _____ Group / Art Unit: _____ | | | | |
| For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. | | | | |
| 17. CORRESPONDENCE ADDRESS | | | | |
| <input checked="" type="checkbox"/> Customer Number or Bar Code Label | | 27572 <i>(Insert Customer No. or Attach bar code label here)</i> | | |
| or <input type="checkbox"/> Correspondence address below | | | | |
| Name | Harness, Dickey & Pierce, P.L.C. | | | |
| Address | P.O. Box 828 | | | |
| City | Bloomfield Hills | State | MI | |
| Country | United States of America | Telephone | 248-641-1600 | |
| Telephone | Fax | | 48303 | |
| Name (Print/Type) | Michael J. Schmidt, Esq. | | Registration No. (Attorney/Agent) | 34,007 |
| Signature | | | Date | August 27, 2003 |

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2003

Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

(\$ 790)

Complete if Known

| | |
|----------------------|-------------------------|
| Application Number | unassigned yet |
| Filing Date | August 27, 2003 |
| First Named Inventor | Masayuki TAKEUCHI et al |
| Examiner Name | |
| Group / Art Unit | |
| Attorney Docket No. | 4041J-000759 |

METHOD OF PAYMENT (check all that apply)

Check Credit card Money Other None
Order

 Deposit Account:

| | |
|------------------------|----------------------------------|
| Deposit Account Number | 08-0750 |
| Deposit Account Name | Harness, Dickey & Pierce, P.L.C. |

The Commissioner is authorized to: (check all that apply)

Charge fees(s) indicated below Credit any overpayments
 Charge any additional fee(s) during the pendency of this application
 Charge fees(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

| Large Entity | Small Entity | Fee Description | Fee Paid |
|--------------|--------------|-----------------|----------|
| Fee Code | Fee Code | Fee (\$) | Fee (\$) |
| 1001 | 2001 | 750 | 375 |
| 1002 | 2002 | 330 | 165 |
| 1003 | 2003 | 520 | 260 |
| 1004 | 2004 | 750 | 375 |
| 1005 | 2005 | 160 | 80 |
| SUBTOTAL (1) | | (\$ 750) | |

2. EXTRA CLAIM FEES

| | | Extra Claims | Fee from below | Fee Paid |
|--------------------|----|--------------|----------------|----------|
| Total Claims | 11 | -20 ** | = 0 | X = 0 |
| Independent Claims | 1 | -3 ** | = 0 | X = 0 |
| Multiple Dependent | | | X = 0 | |

Large Entity

| Large Entity | Small Entity | Fee Description | Fee Paid |
|--------------|--------------|-----------------|----------|
| Fee Code | Fee Code | Fee (\$) | Fee (\$) |
| 1202 | 2202 | 18 | 9 |
| 1201 | 2201 | 84 | 42 |
| 1203 | 2203 | 280 | 140 |
| 1204 | 2204 | 84 | 42 |
| 1205 | 2205 | 18 | 9 |
| SUBTOTAL (2) | | (\$ 0) | |

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

| Large Entity | Small Entity | Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description | Fee Paid |
|--------------|--------------|----------|----------|----------|----------|--|----------|
| | | 1051 | 130 | 2051 | 65 | Surcharge - late filing fee or oath | |
| | | 1052 | 50 | 2052 | 25 | Surcharge - late provisional filing fee or cover sheet | |
| | | 1053 | 130 | 1053 | 130 | Non-English specification | |
| | | 1812 | 2,520 | 1812 | 2,520 | For filing a request for reexamination | |
| | | 1804 | 920* | 1804 | 920* | Requesting publication of SIR prior to Examiner action | |
| | | 1805 | 1,840* | 1805 | 1,840* | Requesting publication of SIR after Examiner action | |
| | | 1251 | 110 | 2251 | 55 | Extension for reply within first month | |
| | | 1252 | 410 | 2252 | 205 | Extension for reply within second month | |
| | | 1253 | 930 | 2253 | 465 | Extension for reply within third month | |
| | | 1254 | 1,450 | 2254 | 725 | Extension for reply within fourth month | |
| | | 1255 | 1,970 | 2255 | 985 | Extension for reply within fifth month | |
| | | 1401 | 320 | 2401 | 160 | Notice of Appeal | |
| | | 1402 | 320 | 2402 | 160 | Filing a brief in support of an appeal | |
| | | 1403 | 280 | 2403 | 140 | Request for oral hearing | |
| | | 1451 | 1,510 | 1451 | 1,510 | Petition to institute a public use proceeding | |
| | | 1452 | 110 | 2452 | 55 | Petition to revive – unavoidable | |
| | | 1453 | 1,300 | 2453 | 650 | Petition to revive – unintentional | |
| | | 1501 | 1,300 | 2501 | 650 | Utility issue fee (or reissue) | |
| | | 1502 | 470 | 2502 | 235 | Design issue fee | |
| | | 1503 | 630 | 2503 | 315 | Plant issue fee | |
| | | 1460 | 130 | 1460 | 130 | Petitions to the Commissioner | |
| | | 1807 | 50 | 1807 | 50 | Processing fee under 37 CFR 1.17 (q) | |
| | | 1806 | 180 | 1806 | 180 | Submission of Information Disclosure Stmt | |
| | | 8021 | 40 | 8021 | 40 | Recording each patent assignment per property (times number of properties) | 40 |
| | | 1809 | 750 | 2809 | 375 | Filing a submission after final rejection (37 CFR § 1.129(a)) | |
| | | 1810 | 750 | 2810 | 375 | For each additional invention to be examined (37 CFR § 1.129(b)) | |
| | | 1801 | 750 | 2801 | 375 | Request for Continued Examination (RCE) | |
| | | 1802 | 900 | 1802 | 900 | Request for expedited examination of a design application | |

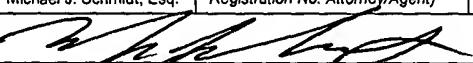
Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$ 40)

SUBMITTED BY

| | | | | | |
|-------------------|---|----------------------------------|--------|-----------|-----------------|
| Name (Print/Type) | Michael J. Schmidt, Esq. | Registration No. Attorney/Agent) | 34,007 | Telephone | 248-641-1600 |
| Signature |  | | | Date | August 27, 2003 |

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